

Name: _____ Class & Sec: _____ Roll No. _____ Date: 21.04.2020

Exercises

1. Tick (✓) the correct option:

(a) Which one of the following does not act as an agent for dispersal?

- (i) Wind (ii) Water (iii) ☒ Sunlight (iv) Humans

(b) Which of these plants can be grown without seeds?

- (i) Rice (ii) Mango (iii) ☒ Carrot (iv) Lemon

(c) Manure consists of:

- (i) dead leaves (ii) cow dung (iii) animal remains (iv) ☒ all of these

(d) Ferns and mosses reproduce through:

- (i) roots (ii) stem (iii) leaves (iv) ☒ spores

(e) Which one of these is a crop?

- (i) Rose (ii) Mango (iii) ☒ Jute (iv) All of these

2. Fill in the blanks:

- (a) Plants mainly reproduce from seeds.
 (b) The two parts of a young seedling are radicle and Plumule.
 (c) Crops are provided nourishment by addition of manure and Fertilizer.
 (d) Wind, water, animals and explosion of fruit are the agents of seed dispersal.
 (e) pesticides and insecticides are sprayed over crops to prevent them from pests and insects.

3. Name the following:

- (a) A seed dispersed by water Coconut
 (b) The process of development of a seed into seedling Germination
 (c) A plant that reproduces from its leaves Bryophyllum
 (d) A rabi crop wheat
 (e) A kharif crop rice

4. How do the following reproduce?

- (a) Potato by stems (b) Mango by seeds
 (c) Radish by roots (d) Cherry by seeds
 (e) Bryophyllum by leaves (f) Ferns by spores

5. Answer the following questions:

- (a) Define reproduction.
 (b) What is germination?
 (c) Name different types of seeds with examples.
 (d) ☒ What is the importance of cotyledons?
 (e) What is the role of seed in formation of a new plant?
 (f) ☒ What are the conditions required for a seed to germinate?
 (g) ☒ Why do we grow crops?
 (h) ☒ What is vegetative reproduction? Give an example.
 (i) ☒ What are spores? Name some plants that reproduce through spores.
 (j) ☒ Name different stages of crop production.